

**CLAIMS**

What is claimed is:

- 1           1.     A method for connecting an electrical device to an electrical  
2     component, the electrical device comprising at least one ledge that comprises a  
3     plurality of contact terminals, the method comprising:  
4             connecting a conductor member to one of the contact terminals provided on  
5     the ledge of the electrical device;  
6             extending the conductor member outwardly along the ledge;  
7             extending the conductor member down from the ledge toward the electrical  
8     component; and  
9             connecting the conductor member to a contact of the electrical component.
- 1           2.     The method of claim 1, wherein each conductor member comprises a  
2     bond wire.
- 1           3.     The method of claim 2, wherein the bond wire is formed with a wire  
2     bonding technique.
- 1           4.     The method of claim 1, wherein the electrical device is an ARS device.
- 1           5.     The method of claim 1, wherein the electrical component is a PCB.

1           6.     A method for connecting an electrical device to an electrical  
2     component, the electrical device comprising at least one ledge that comprises a  
3     plurality of contact terminals, the method comprising:  
4           orienting the electrical device such that the ledge faces the electrical  
5     component;  
6           aligning the portion of the electrical device facing the electrical component  
7     with a cavity formed in the electrical component; and  
8           inserting the portion of the electrical device facing the electrical component  
9     into the cavity so that at least one of the contact terminals makes electrical contact  
10    with a contact of the electrical device.

1           7.     The method of claim 6, wherein the electrical device is inverted when  
2     its ledge faces the electrical component.

1           8.     The method of claim 6, wherein the portion of the electrical device  
2     facing the electrical component comprises a top layer of the electrical device.

1           9.     The method of claim 8, wherein the cavity is sized and configured to  
2     receive the entire top layer.

1           10.    The method of claim 6, wherein the electrical device is affixed in place  
2     with a solder material.

1           11.     The method of claim 6, wherein the electrical device is affixed in place  
2     with an electrically conductive adhesive material.

1           12.     The method of claim 6, wherein the electrical device is an ARS device.

1           13.     The method of claim 6, wherein the electrical component is a PCB.

1           14.     An assembly, comprising:  
2             an electrical component having a plurality of contacts formed thereon; and  
3             an electrical device having at least one ledge that includes a plurality of  
4     contact terminals provided thereon at least one of the contact terminals being  
5     electrically connected to at least one of the contacts formed on the electrical  
6     component.

1           15.     The assembly of claim 14, further comprising at least one conductor  
2     member that electrically connects the at least one contact terminal of the electrical  
3     device to the at least one contact of the electrical component.

1           16.     The assembly of claim 15, wherein the at least one conductor member  
2     comprises a bond wire.

1           17.     The assembly of claim 14, wherein the electrical component comprises  
2     a cavity that is sized and configured to receive a portion of the electrical device such  
3     that the contact terminals are arranged in direct opposition to the contacts of the  
4     electrical component when the electrical device is disposed within the cavity.

1           18.     The assembly of claim 17, wherein the at least one contact terminal of  
2     the electrical device and the at least one contact of the electrical component are  
3     soldered together.

1           19.     The assembly of claim 17, wherein the at least one contact terminal of  
2     the electrical device and the at least one contact of the electrical component are  
3     adhered to each other with electrically conductive adhesive.

1           20.     The assembly of claim 14, wherein the electrical device is an ARS  
2     device.

1           21.     The assembly of claim 14, wherein the electrical component is a PCB.